



TELEPHONE (312) 258-5500

SCHIFF HARDIN & WAITE

PATENT DEPARTMENT  
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CHICAGO, ILLINOIS 60606

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TECHNOLOGY CENTER 2800

2828

Re application of: B.A. Seiber

Serial No.: 09/ 864,990

GROUP ART UNIT: 2828

Filed: May 24, 2001

EXAMINER: T. Nguyen

For: ARRANGEMENTS FOR INCREASING SPUTTER LIFE IN GAS DISCHARGE TUBES

AMENDMENT "A"

Assistant Commissioner for Patents  
Washington D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

☒ No additional fee is required.

The fee has been calculated as shown below.

CLAIMS AS AMENDED							
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE	
TOTAL CLAIMS	*23	MINUS	**23	X 0	( ) X 9.00 ( ) X 18.00	\$0.00	
INDEP. CLAIMS	*	MINUS		X	( ) X 40.00 ( ) X 80.00	\$0.00	
Application amended to contain any multiple dependent claims not previously paid for.				( ) YES ( ) NO	( ) \$135.00 ( ) \$270.00 ONE TIME	\$0.00	
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$0.00	

\* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.

- ☐ Applicants petition the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated \_\_\_\_\_ for \_\_\_\_\_ months so that the period for response is extended to \_\_\_\_\_. A check in the amount of \$\_\_\_\_\_ is attached to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to deposit account No. 501519. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ is attached.
- ☐ A check for \$\_\_\_\_\_ accompanying IDS under 37 CFR 1.97(c) is attached
- ☐ A check for \$\_\_\_\_\_ and Petition for Consideration of IDS under 37 CFR 1.97(d) is attached.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519. A duplicate of this sheet is enclosed.
- When phoning re this application, please call (312) 258-5500.

SCHIFF HARDIN & WAITE (Customer Number 26574)  
Patent Department

BY

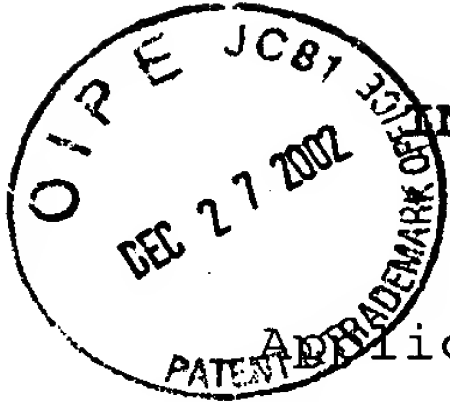
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on December 20, 2002.

Trevor B. Joike, Reg. No. 25,542  
NAME OF APPLICANT'S ATTORNEY

SIGNATURE

December 20, 2002

DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#7/A  
6/1/03

Applicants: B. A. Seiber

Serial No.: 09/864,990

For: **ARRANGEMENTS FOR  
INCREASING SPUTTER LIFE  
IN GAS DISCHARGE TUBES**

Filed: May 24, 2001

Group Art Unit: 2828

Examiner: T. Nguyen

) I hereby certify that this  
) paper is being deposited  
) with the United States  
) Postal Service as first  
) class mail, postage prepaid,  
) in an envelope addressed to:  
) Commissioner of Patents and  
) Trademarks, Washington, DC  
) 20231 on this date:

) December 20, 2002

) Trevor B. Joike

) Reg. No. 25,542

) Attorney for Applicants

*Trevor B. Joike*

**RESPONSE TO SEPTEMBER 25, 2002 OFFICE ACTION**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

**IN THE DRAWINGS**

With the concurrence of the Examiner, applicant  
submits formal drawings herewith. Figure 1 of the formal  
drawings includes the legend "Prior Art."

**IN THE SPECIFICATION**

Please amend the paragraph beginning on page 4,  
line 7 as follows:

--The accumulation of these positively charged  
ions at the cathode 22 can adversely impact the  
performance of the ring laser gyroscope 10. For example,

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